## EAST Search History

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|----------|------|---|---|---------------------|---------|---------------------|
| <u> </u> | 914  | ((ridge) same (algaas or gaalas or alinas or<br>inalas or algan or gaaln or algap or gaalp or<br>algainp or gaalinp or algaasp or gaalasp or<br>algaasn or alinasp)) and (laser) and "372".<br>clas.                | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>13:01 |
| L3       | 300  | ((ridge near3 waveguide) same (algaas or<br>gaalas or alinas or inalas or algan or gaaln<br>or algap or gaalp or algainp or gaalinp or<br>algaasp or gaalasp or algaasn or alinasp))<br>and (laser) and "372".clas. | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>13:01 |
| L4       | 8049 | (372/43.01-50.23).CQLS.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/01/26<br>13:31 |
| L5       | 261  | 3 and  4  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/01/26<br>13:32 |
| L6       | 0    | ((first near2 conductivity near2 type) same<br>(second near2 conductivity near2 type)<br>same (first near2 ridge near3 layer) same<br>(aluminum near3 composition)).clm. and<br>"372".clas.                         | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>14:50 |
| L7       | 0    | ((conductivity near2 type) same (first near2 ridge near3 layer) same (aluminum near3 composition)).clm. and "372".clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>14:50 |
| L8       | 0    | ((conductivity near2 type) and (first near2 ridge near3 layer) and (aluminum near3 composition)).clm. and "372".clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>14:51 |
| L9       | 1    | ((conductivity near2 type) and (ridge near3 layer) and (aluminum near3 composition)). clm. and "372".clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>14:51 |
| L10      | 5    | ((type) and (ridge near3 layer) and<br>(aluminum near3 composition)).clm. and<br>"372".clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | ON      | 2009/01/26<br>14:51 |
| L11      | 1    | ("20080192782").PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR                  | OFF     | 2009/01/26<br>14:53 |

| L12        | 5    | ((type) and (ridge near3 layer) and<br>(aluminum near3 composition)).clm. and l4                            | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2009/01/26<br>14:55 |
|------------|------|---|---|----|-----|---------------------|
| S1         | 1    | ("20060284186").PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/02<br>10:08 |
| 82         | 187  | (first near2 ridge) and (second near2 ridge) and "372".clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/03<br>12:40 |
| <b>S</b> 3 | 1898 | (372/46.01).OCLS.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/03<br>12:40 |
| S4         | 187  | (first near2 ridge) and (second near2 ridge)<br>and "372".clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/03<br>12:40 |
| S5         | 74   | S4 and S3   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/03<br>12:57 |
| S6         | 1    | ("6031858").PN.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2007/10/03<br>12:57 |
| S7         | 13   | (first near2 ridge) and (second near2 ridge)<br>and (aluminum near2 composition) and<br>"372".clas.         | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>14:30 |
| S8         | 51   | (ridge near3 laser) and (aluminum near2 composition) and "372".clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>14:39 |
| S9         | 16   | (ridge near3 waveguide) same ((aluminum<br>near2 composition) or (Al near3<br>composition))and "372".clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>15:01 |
| S10        | 16   | (ridge near3 waveguide) same ((aluminum<br>near2 composition) or (Al near3<br>composition)) and "372".clas. | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>15:02 |

| ,   | .; , | ,  |   |    |     | · ,                 |
|-----|------|--|---|----|-----|---------------------|
| S11 | 2    | ("0699150").PN.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>15:42 |
| S12 | 1    | ("6996150").PN.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/05/06<br>15:42 |
| S13 | 4914 | (372/43.01,45.01,46.01,46.011-46.016,).<br>CCLS.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/08/06<br>13:57 |
| S14 | 1266 | (ridge near3 waveguide) and (laser) and<br>"372".clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/08/06<br>13:57 |
| S15 | 686  | (ridge near3 waveguide) and (laser) and S13  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/08/06<br>13:57 |
| S16 | 180  | (ridge near3 waveguide) and (laser) and (first near3 ridge) and S13  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/08/06<br>13:58 |
| S17 | 4914 | (372/43.01,45.01,46.01,46.011-46.016,).<br>CCLS.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2008/08/06<br>14:31 |
| S19 | 149  | ((ridge near3 waveguide) same al) and<br>(laser) and S17   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2008/08/06<br>14:33 |
| S20 | 287  | ((ridge near3 waveguide) same (al or<br>aluminum)) and (laser) and "372".clas.                             | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2008/08/06<br>14:35 |
| S21 | 44   | ((ridge near3 waveguide) same ((al near2<br>(ga or sb or in)) or aluminum)) and (laser)<br>and "372".clas. | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2008/08/06<br>15:19 |
| S22 | 45   | ((ridge near3 waveguide) same ((al near3<br>(ga or sb or in)) or aluminum)) and (laser)<br>and "372".clas. | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2008/08/07<br>10:32 |

| S23 | 853 | (ridge near3 waveguide) and (algaas or<br>gaalas or alinas or inalas or algan or gaaln<br>or algap or gaalp or algainp or gaalinp or<br>algaasp or gaalasp or algaasn or alinasp)<br>and (laser) and "372".clas.    | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2008/08/07<br>12:26 |
|-----|-----|---|---|----|----|---------------------|
| S24 | 283 | ((ridge near3 waveguide) same (algaas or<br>gaalas or alinas or inalas or algan or gaaln<br>or algap or gaalp or algainp or gaalinp or<br>algaasp or gaalasp or algaasn or alinasp))<br>and (laser) and "372".clas. | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2008/08/07<br>12:26 |
| S25 | 974 | (laser) and (current near2 leakage) and "372".clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2008/08/07<br>14:34 |
| S26 | 41  | (laser) and (current near2 leakage) and (aluminum near2 composition) and "372". clas.   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2008/08/07<br>14:34 |
| S27 | 8   | (laser) and (ridge) same ((first or second or<br>third or fourth) near3 (clad\$3)) and<br>(aluminum near2 composition) and "372".<br>clas.  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON | 2008/08/07<br>15:12 |

## 1/26/2009 3:02:12 PM

C:\ Documents and Settings\ xniu\ Desktop\ east saves modified 11-13-2007\ 10568786.wsp